

Vol.1, Section 1.7

Conformance Clause

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Today's Objectives

- Overview of Conformance Clause
- Changes from previous version
 - Clarification and refinement
 - Adjusted document organization
 - Added new section: Conformance Framework
 - Renamed some sections

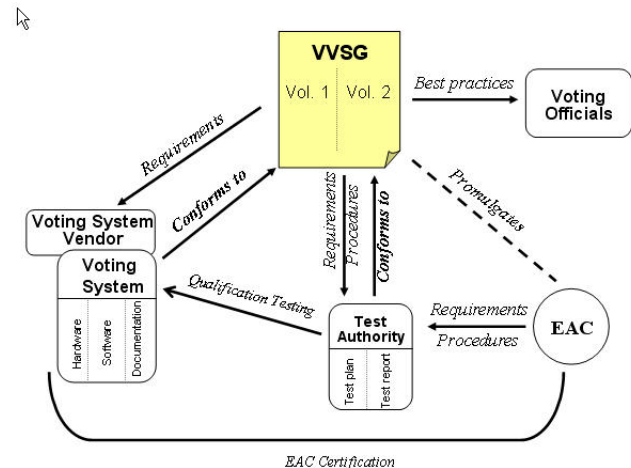
1.7.1 Scope and Applicability

- Requirements for voting systems and process of testing voting systems
 - Requirements for voting systems and voting system vendors
 - Framework, procedures, requirements for test authorities
 - Guidance for voting officials*
 - Best Practices
 - Not subject to testing by EAC accredited test authorities
 - Adjuncts to the technical requirements

*Voting Official = people associated with elections, including election personnel, poll workers, ballot designers and those responsible for installation, operation, and maintenance of the voting system.

1.7.2 Conformance Framework

- Applicable entities
 - Voting systems
 - Voting system vendors
 - Test authorities (ITA, EAC accredited)
 - Voting officials
- Relationship among entities
 - Text illustrated by picture (figure 1)
- Conformance designations
 - Voting system conforms if all mandatory requirements that apply to the voting system are met
 - No concept of partial conformance
- Previous version: Who and What May Conform, Conformance Model



1.7.3 Normative Language

- Keywords
 - Shall: mandatory requirement
 - Is prohibited: mandatory ‘do not do’
 - Is encouraged: optional recommendation
 - May: optional, permissible action
- Normative text applicable to achieving conformance
- Informative parts have no bearing on conformance
 - Examples, extended explanations,
 - Text prefixed by: responsible entity, process, and discussion

1.7.4 Categorizing Requirements

- Group requirements into categories to address equipment type, ballot tabulation location, component, capability, etc
 - Not all requirements apply to all systems
- Previous version: Subsets for Voting Systems

1.7.5 Extensions

- Voting system may include additional functions, features, capabilities beyond what is required by the VVSG

1.7.6 Implementation Statement

- Information about the voting system
- If provided, shall include at a minimum:
version and date of voting system

Improving U.S. Voting Systems

- NIST activities supporting the Help America Vote Act

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Discussion